

Date : 06/06/23

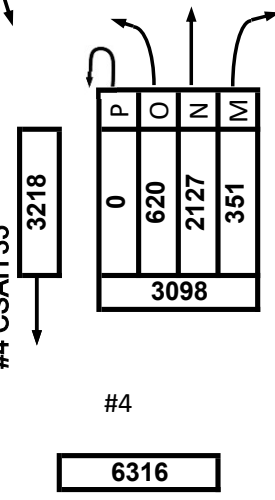
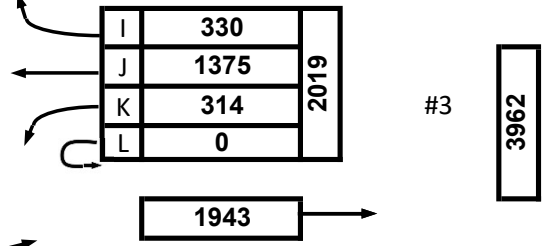
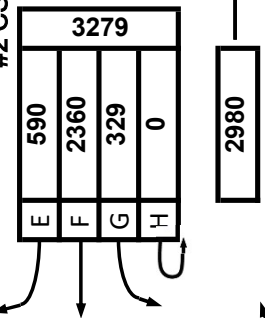
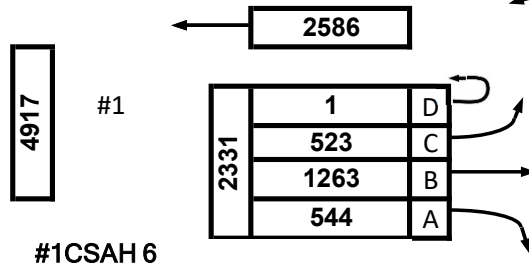
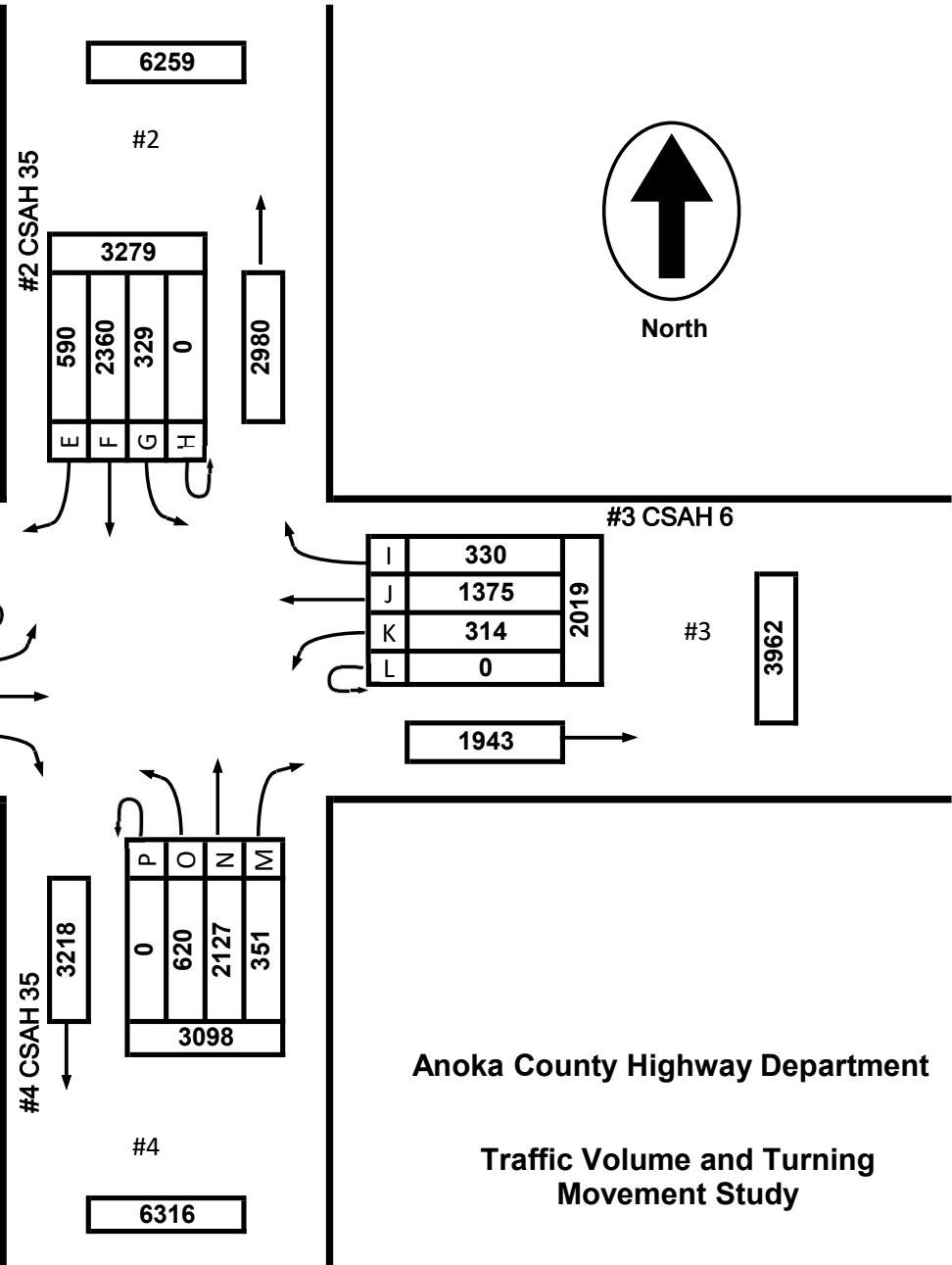
Count Number : TMC 2366

Location : CSAH 6
@ CSAH 35

Collection Period : 24 HR



North



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	0	1	2
#3	1	1	1	3
#4	1	0	1	2

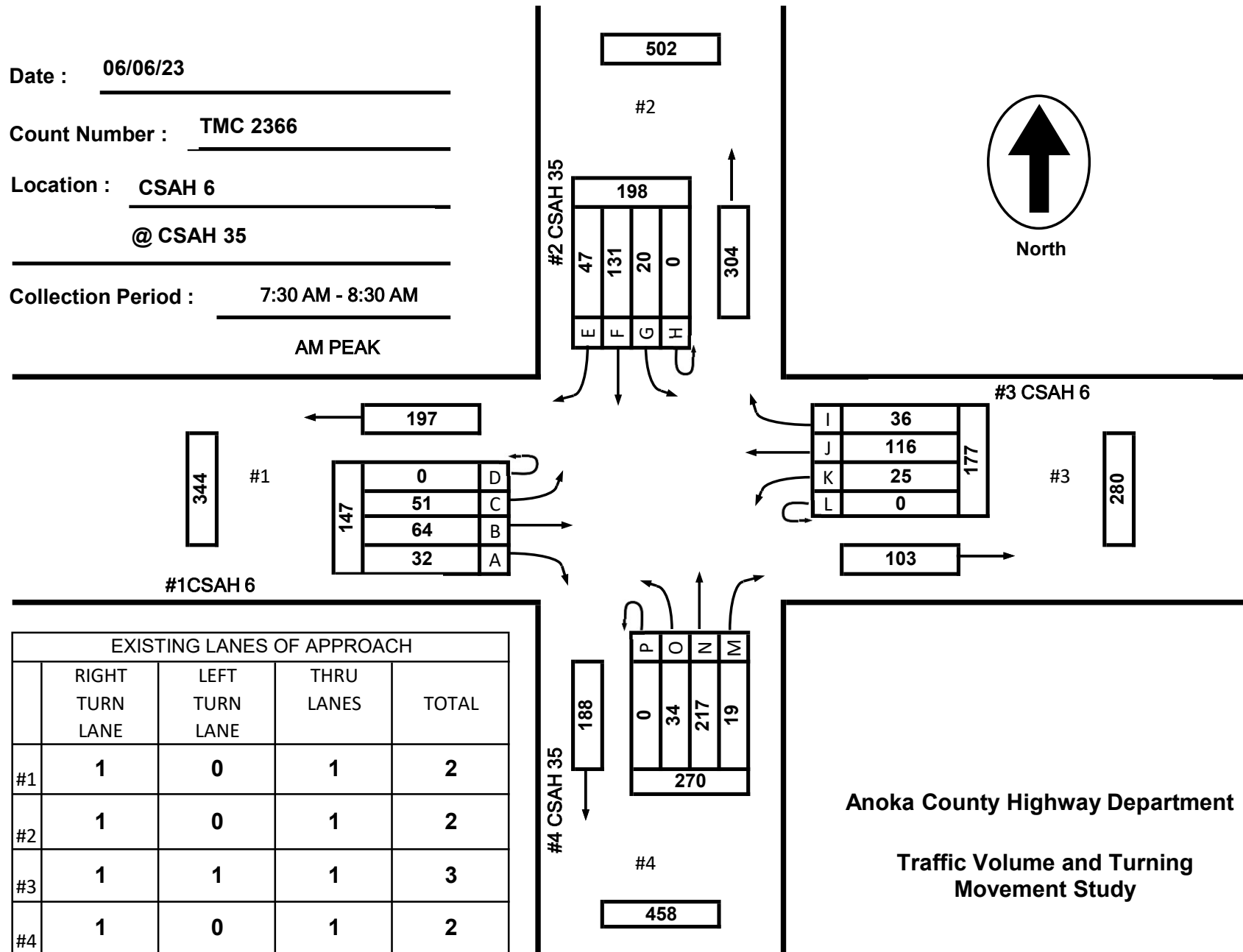
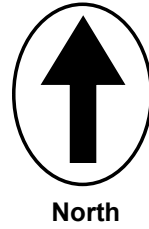
Anoka County Highway Department
 Traffic Volume and Turning Movement Study

Date : 06/06/23

Count Number : TMC 2366

Location : CSAH 6
@ CSAH 35

Collection Period : 7:30 AM - 8:30 AM
AM PEAK



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	0	1	2
#3	1	1	1	3
#4	1	0	1	2

Anoka County Highway Department
Traffic Volume and Turning Movement Study

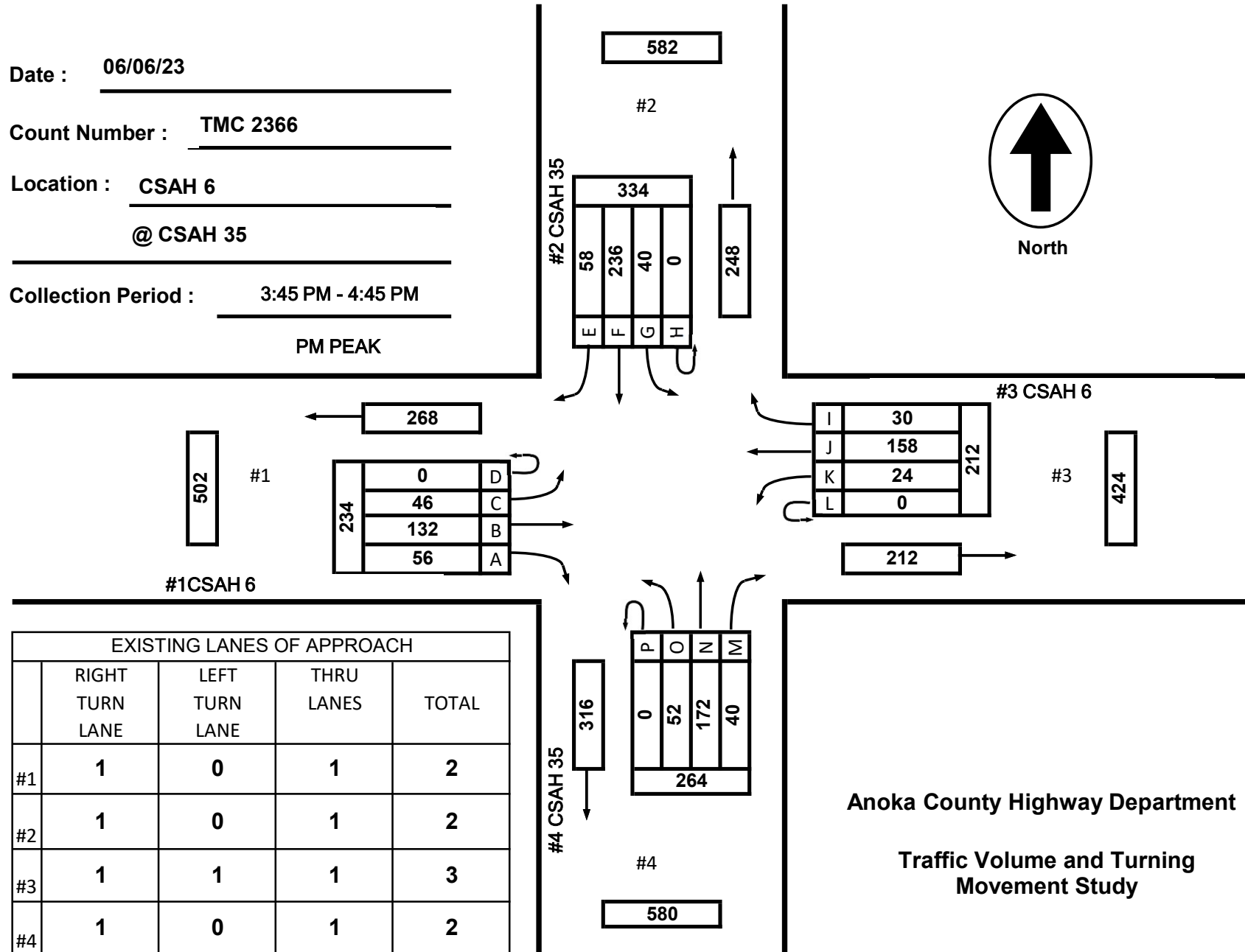
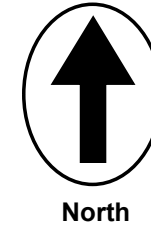
Date : 06/06/23

Count Number : TMC 2366

Location : CSAH 6
@ CSAH 35

Collection Period : 3:45 PM - 4:45 PM

PM PEAK



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	0	1	2
#3	1	1	1	3
#4	1	0	1	2

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

TMC 2366 - CSAH 6 @ CSAH 35

0 0

Tuesday, June 6, 2023

Time	Southbound 0						Westbound 0						Northbound 0						Eastbound 0						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	1	3	2	0	6	0	0	1	0	0	1	0	0	7	0	0	7	0	0	2	0	0	2	16
12:15 AM	0	0	3	0	0	3	0	0	3	0	0	3	0	0	2	0	0	2	0	0	0	0	0	0	8
12:30 AM	0	3	6	0	0	9	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	12
12:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
Hourly Total	0	4	13	2	0	19	0	0	4	0	0	4	0	0	12	1	0	13	0	0	2	0	0	2	38
1:00 AM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	2	0	0	2	6
1:15 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1	2	1	0	4	6
1:30 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	0	7	11
1:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	0	2	4
Hourly Total	0	0	6	1	0	7	0	0	1	0	0	1	0	0	4	0	0	4	0	5	8	2	0	15	27
2:00 AM	0	0	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	4
2:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	2	0	1	0	0	0	1	4
2:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0	2	0	0	0	1	0	1	4
2:45 AM	0	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0	2	0	0	0	0	0	0	4
Hourly Total	0	0	0	2	0	2	0	0	4	0	0	4	0	1	5	1	0	7	0	1	1	1	0	3	16
3:00 AM	0	0	3	0	0	3	0	0	2	0	0	2	0	0	2	0	0	2	0	0	0	1	0	1	8
3:15 AM	0	0	1	1	0	2	0	0	0	0	0	0	0	2	1	0	0	3	0	1	0	0	0	1	6
3:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
3:45 AM	0	0	3	0	0	3	0	1	2	0	0	3	0	0	1	1	0	2	0	0	0	0	0	0	8
Hourly Total	0	0	7	1	0	8	0	1	6	0	0	7	0	2	4	1	0	7	0	1	0	1	0	2	24
4:00 AM	0	0	4	2	0	6	0	1	0	1	0	2	0	0	2	1	0	3	0	0	0	0	0	0	11
4:15 AM	0	1	2	3	0	6	0	1	2	0	0	3	0	0	1	0	0	1	0	1	1	0	0	2	12
4:30 AM	0	0	3	5	0	8	0	1	1	0	0	2	0	5	1	0	0	6	0	1	1	1	0	3	19
4:45 AM	0	0	2	2	0	4	0	1	4	0	0	5	0	1	5	0	0	6	0	2	1	0	0	3	18
Hourly Total	0	1	11	12	0	24	0	4	7	1	0	12	0	6	9	1	0	16	0	4	3	1	0	8	60
5:00 AM	0	0	9	0	0	9	0	0	1	2	0	3	0	2	2	0	0	4	0	5	0	2	0	7	23
5:15 AM	0	0	6	4	0	10	0	2	2	0	0	4	0	2	7	1	0	10	0	2	3	5	0	10	34
5:30 AM	0	2	8	0	0	10	0	1	4	2	0	7	0	0	7	1	0	8	0	0	4	1	0	5	30
5:45 AM	0	0	15	1	0	16	0	2	5	1	0	8	0	1	11	0	0	12	0	4	3	2	0	9	45
Hourly Total	0	2	38	5	0	45	0	5	12	5	0	22	0	5	27	2	0	34	0	11	10	10	0	31	132
6:00 AM	0	1	9	6	2	16	0	4	3	0	0	7	0	1	11	0	0	12	0	3	3	1	0	7	42
6:15 AM	0	0	14	6	0	20	0	0	6	3	0	9	0	4	17	3	0	24	0	2	6	2	0	10	63
6:30 AM	0	1	22	3	0	26	0	1	12	2	0	15	0	0	29	2	0	31	0	8	8	3	1	19	91
6:45 AM	0	5	18	4	2	27	0	2	12	2	0	16	0	2	31	1	0	34	0	12	15	5	1	32	109
Hourly Total	0	7	63	19	4	89	0	7	33	7	0	47	0	7	88	6	0	101	0	25	32	11	2	68	305
7:00 AM	0	2	35	4	2	41	0	2	15	4	0	21	0	5	22	4	0	31	0	5	11	4	0	20	113
7:15 AM	0	2	31	5	1	38	0	6	23	6	0	35	0	10	39	4	0	53	0	11	18	8	2	37	163
7:30 AM	0	6	29	13	1	48	0	7	26	11	0	44	0	9	42	2	0	53	0	10	11	6	1	27	172
7:45 AM	0	3	36	13	0	52	0	8	33	4	0	45	0	5	44	7	0	56	0	14	19	10	0	43	196
Hourly Total	0	13	131	35	4	179	0	23	97	25	0	145	0	29	147	17	0	193	0	40	59	28	3	127	644

TMC 2366 - CSAH 6 @ CSAH 35

0 0

Tuesday, June 6, 2023

Time	Southbound 0						Westbound 0						Northbound 0						Eastbound 0						VEHICLE TOTAL	
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total		
8:00 AM	0	6	30	8	0	44	0	6	29	10	0	45	0	16	72	4	0	92	0	13	11	5	1	29	0	210
8:15 AM	0	5	36	13	3	54	0	4	28	11	1	43	0	4	59	6	0	69	0	14	23	11	0	48	0	214
8:30 AM	0	2	34	7	0	43	0	1	33	4	0	38	0	5	53	0	0	58	0	6	17	8	2	31	0	170
8:45 AM	0	5	31	16	1	52	0	2	22	6	0	30	0	4	44	2	0	50	0	15	13	8	1	36	0	168
Hourly Total	0	18	131	44	4	193	0	13	112	31	1	156	0	29	228	12	0	269	0	48	64	32	4	144	0	762
9:00 AM	0	4	34	7	0	45	0	6	20	5	0	31	0	11	29	3	0	43	0	10	10	10	2	30	0	149
9:15 AM	0	4	26	6	0	36	0	0	17	4	0	21	0	7	29	4	0	40	0	6	18	8	0	32	0	129
9:30 AM	0	5	27	7	0	39	0	3	15	5	1	23	0	8	26	1	0	35	0	6	22	4	0	32	0	129
9:45 AM	0	2	29	6	0	37	0	5	7	6	0	18	0	10	31	6	0	47	0	2	10	9	1	21	0	123
Hourly Total	0	15	116	26	0	157	0	14	59	20	1	93	0	36	115	14	0	165	0	24	60	31	3	115	0	530
10:00 AM	0	3	27	6	0	36	0	1	20	3	1	24	0	9	31	3	0	43	0	10	15	5	1	30	0	133
10:15 AM	0	7	51	4	1	62	0	4	17	7	0	28	0	9	27	3	0	39	0	8	12	8	0	28	0	157
10:30 AM	0	2	35	4	0	41	0	5	21	4	0	30	0	4	24	5	1	33	0	4	14	13	0	31	0	135
10:45 AM	0	10	33	3	2	46	0	5	13	4	0	22	0	13	31	5	0	49	0	8	20	2	5	30	0	147
Hourly Total	0	22	146	17	3	185	0	15	71	18	1	104	0	35	113	16	1	164	0	30	61	28	6	119	0	572
11:00 AM	0	6	34	8	0	48	0	8	15	4	2	27	0	11	30	5	2	46	0	4	13	10	1	27	0	148
11:15 AM	0	3	42	11	2	56	0	2	13	3	2	18	0	5	29	4	2	38	0	5	22	7	1	34	0	146
11:30 AM	0	0	29	4	1	33	0	8	21	3	1	32	0	7	24	5	0	36	0	4	15	10	1	29	0	130
11:45 AM	0	6	34	6	1	46	0	7	26	4	0	37	0	15	38	8	0	61	0	3	19	5	4	27	0	171
Hourly Total	0	15	139	29	4	183	0	25	75	14	5	114	0	38	121	22	4	181	0	16	69	32	7	117	0	595
12:00 PM	0	6	39	8	0	53	0	4	13	6	0	23	0	9	25	6	0	40	0	8	19	5	0	32	0	148
12:15 PM	0	6	39	10	0	55	0	4	10	3	0	17	0	8	29	4	1	41	0	7	18	3	0	28	0	141
12:30 PM	0	5	37	9	0	51	0	2	18	8	0	28	0	7	33	4	0	44	0	13	9	8	1	30	0	153
12:45 PM	0	6	37	3	0	46	0	5	18	6	0	29	0	8	35	4	0	47	0	8	17	8	1	33	0	155
Hourly Total	0	23	152	30	0	205	0	15	59	23	0	97	0	32	122	18	1	172	0	36	63	24	2	123	0	597
1:00 PM	0	4	34	8	0	46	0	2	15	7	2	24	0	11	31	7	1	49	0	7	17	13	0	37	0	156
1:15 PM	0	7	36	4	0	47	0	10	13	8	2	31	0	18	38	3	2	59	0	11	14	12	0	37	0	174
1:30 PM	0	4	38	6	0	48	0	12	17	8	2	37	0	10	37	9	2	56	0	6	19	5	1	30	0	171
1:45 PM	0	7	35	5	5	47	0	5	17	2	0	24	0	16	44	5	0	65	0	5	18	15	0	38	0	174
Hourly Total	0	22	143	23	5	188	0	29	62	25	6	116	0	55	150	24	5	229	0	29	68	45	1	142	0	675
2:00 PM	0	8	48	13	0	69	0	8	18	5	0	31	0	9	28	8	0	45	0	7	24	12	0	43	0	188
2:15 PM	0	6	48	8	0	62	0	4	20	6	0	30	0	15	43	7	0	65	0	6	26	7	0	39	0	196
2:30 PM	0	9	46	9	2	64	0	8	10	9	0	27	0	12	38	8	0	58	0	11	33	8	3	52	0	201
2:45 PM	0	7	44	11	0	62	0	6	18	7	0	31	0	20	35	5	0	60	0	10	30	10	2	50	0	203
Hourly Total	0	30	186	41	2	257	0	26	66	27	0	119	0	56	144	28	0	228	0	34	113	37	5	184	0	788
3:00 PM	0	5	74	23	0	102	0	5	22	3	1	30	0	16	42	15	0	73	0	9	23	8	0	40	0	245
3:15 PM	0	5	52	15	2	72	0	3	25	5	0	33	0	16	18	5	0	39	0	9	26	12	2	47	0	191
3:30 PM	0	7	42	18	2	67	0	8	31	5	0	44	0	15	51	5	0	71	0	7	30	11	0	48	0	230
3:45 PM	0	8	55	14	0	77	0	5	40	6	0	51	0	7	57	7	0	71	0	14	33	18	0	65	0	264
Hourly Total	0	25	223	70	4	318	0	21	118	19	1	158	0	54	168	32	0	254	0	39	112	49	2	200	0	930

TMC 2366 - CSAH 6 @ CSAH 35

0 0

Tuesday, June 6, 2023

Time	Southbound 0						Westbound 0						Northbound 0						Eastbound 0						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	10	62	11	0	83	0	9	35	8	0	52	0	17	39	11	0	67	0	11	38	13	1	62	264
4:15 PM	0	10	56	15	1	81	0	5	38	10	0	53	0	17	45	13	0	75	0	10	28	12	1	50	259
4:30 PM	0	12	63	18	0	93	0	5	45	6	4	56	0	11	31	9	0	51	0	11	33	13	0	57	257
4:45 PM	0	11	72	16	0	99	0	6	35	13	6	54	0	16	47	9	0	72	0	8	23	8	0	39	264
Hourly Total	0	43	253	60	1	356	0	25	153	37	10	215	0	61	162	42	0	265	0	40	122	46	2	208	1044
5:00 PM	0	6	70	13	2	89	0	7	30	5	0	42	0	14	36	7	0	57	0	5	38	11	0	54	242
5:15 PM	0	7	56	19	1	82	0	3	36	4	0	43	0	10	49	7	0	66	0	9	37	15	0	61	252
5:30 PM	0	5	44	8	0	57	0	5	51	10	0	66	0	14	45	4	0	63	0	7	31	4	5	42	228
5:45 PM	0	6	47	10	0	63	0	12	29	9	0	50	0	14	37	5	0	56	0	11	31	7	1	49	218
Hourly Total	0	24	217	50	3	291	0	27	146	28	0	201	0	52	167	23	0	242	0	32	137	37	6	206	940
6:00 PM	0	4	36	6	0	46	0	6	30	6	2	42	0	10	33	6	0	49	0	12	21	8	0	41	178
6:15 PM	0	10	31	10	0	51	0	4	21	7	0	32	0	5	38	9	0	52	0	5	22	3	0	30	165
6:30 PM	0	2	25	9	0	36	0	9	17	3	0	29	0	8	23	4	0	35	0	5	15	6	0	26	126
6:45 PM	0	4	21	9	1	34	0	7	28	5	0	40	0	10	27	8	0	45	0	8	14	7	0	29	148
Hourly Total	0	20	113	34	1	167	0	26	96	21	2	143	0	33	121	27	0	181	0	30	72	24	0	126	617
7:00 PM	0	4	27	5	4	36	0	2	16	4	0	22	0	7	10	4	0	21	0	2	18	8	1	28	107
7:15 PM	0	2	30	6	0	38	0	3	13	1	0	17	0	11	20	5	0	36	0	4	11	11	1	26	117
7:30 PM	0	4	21	3	0	28	0	2	10	4	0	16	0	2	20	4	0	26	1	7	13	4	0	25	95
7:45 PM	0	4	18	9	0	31	0	5	16	3	0	24	0	4	11	5	0	20	0	7	17	5	1	29	104
Hourly Total	0	14	96	23	4	133	0	12	55	12	0	79	0	24	61	18	0	103	1	20	59	28	3	108	423
8:00 PM	0	5	14	3	0	22	0	2	19	1	0	22	0	6	18	6	0	30	0	7	15	12	2	34	108
8:15 PM	0	5	20	4	2	29	0	4	9	3	2	16	0	6	12	6	2	24	0	5	24	8	2	37	106
8:30 PM	0	5	19	7	1	31	0	4	15	2	0	21	0	8	11	4	0	23	0	1	21	5	4	27	102
8:45 PM	0	0	18	6	1	24	0	0	8	1	0	9	0	5	12	5	1	22	0	1	11	7	0	19	74
Hourly Total	0	15	71	20	4	106	0	10	51	7	2	68	0	25	53	21	3	99	0	14	71	32	8	117	390
9:00 PM	0	4	16	6	0	26	0	4	16	1	0	21	0	10	20	2	0	32	0	10	15	7	0	32	111
9:15 PM	0	3	18	3	0	24	0	2	16	2	0	20	0	3	11	5	0	19	0	4	13	14	0	31	94
9:30 PM	0	2	20	4	0	26	0	2	16	0	0	18	0	0	9	6	0	15	0	5	15	4	0	24	83
9:45 PM	0	0	6	1	0	7	0	4	7	2	0	13	0	6	9	3	0	18	0	4	6	6	0	16	54
Hourly Total	0	9	60	14	0	83	0	12	55	5	0	72	0	19	49	16	0	84	0	23	49	31	0	103	342
10:00 PM	0	2	9	3	0	14	0	1	7	1	0	9	0	5	8	3	0	16	0	2	3	2	0	7	46
10:15 PM	0	1	7	3	0	11	0	1	2	0	0	3	0	0	8	3	0	11	0	3	2	3	0	8	33
10:30 PM	0	0	4	5	0	9	0	0	7	0	0	7	0	7	9	0	0	16	0	2	2	1	0	5	37
10:45 PM	0	0	3	10	0	13	0	0	8	2	0	10	0	8	6	0	0	14	0	3	6	2	0	11	48
Hourly Total	0	3	23	21	0	47	0	2	24	3	0	29	0	20	31	6	0	57	0	10	13	8	0	31	164
11:00 PM	0	2	13	7	0	22	0	1	7	1	0	9	0	0	10	1	0	11	0	6	7	4	0	17	59
11:15 PM	0	1	2	2	0	5	0	0	0	0	0	0	0	0	8	1	0	9	0	0	4	1	0	5	19
11:30 PM	0	1	5	1	0	7	0	0	0	1	0	1	0	1	7	0	0	8	0	4	1	0	0	5	21
11:45 PM	0	0	2	1	0	3	0	1	2	0	0	3	0	0	1	1	0	2	0	1	3	1	0	5	13
Hourly Total	0	4	22	11	0	37	0	2	9	2	0	13	0	1	26	3	0	30	0	11	15	6	0	32	112
DAILY TOTAL	0	329	2360	590	43	3279	0	314	1375	330	29	2019	0	620	2127	351	14	3098	1	523	1263	544	54	2331	10727
Cars	0	322	2265	566	37	3153	0	311	1347	326	27	1984	0	610	2024	348	12	2982	1	507	1240	536	47	2284	10403
Heavy Vehicles	0	7	95	24	6	126	0	3	28	4	2	35	0	10	103	3	2	116	0	16	23	8	7	47	324
Heavy Vehicle %	0.00%	2.13%	4.03%	4.07%	13.95%	3.84%	0.00%	0.96%	2.04%	1.21%	6.90%	1.73%	0.00%	1.61%	4.84%	0.85%	14.29%	3.74%	0.00%	3.06%	1.82%	1.47%	12.96%	2.02%	3.02%

TMC 2366 - CSAH 6 @ CSAH 35

0 0

Tuesday, June 6, 2023

AM Peak Hour

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
7:30 AM	0	6	29	13	1	48	0	7	26	11	0	44	0	9	42	2	0	53	0	10	11	6	1	27	0	14	19	10	0	43	172
7:45 AM	0	3	36	13	0	52	0	8	33	4	0	45	0	5	44	7	0	56	0	14	19	10	0	43	0	13	11	5	1	29	196
8:00 AM	0	6	30	8	0	44	0	6	29	10	0	45	0	16	72	4	0	92	0	13	11	5	1	29	0	14	23	11	0	48	210
8:15 AM	0	5	36	13	3	54	0	4	28	11	1	43	0	4	59	6	0	69	0	14	23	11	0	48	0	14	23	11	0	48	214
Peak Hour Total	0	20	131	47	4	198	0	25	116	36	1	177	0	34	217	19	0	270	0	51	64	32	2	147	0	51	64	32	2	147	792
PHF	0.000	0.833	0.910	0.904	0.333	0.917	0.000	0.781	0.879	0.818	0.250	0.983	0.000	0.531	0.753	0.679	0.000	0.734	0.000	0.911	0.696	0.727	0.500	0.766	0.000	0.911	0.696	0.727	0.500	0.766	0.925

PM Peak Hour

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
3:45 PM	0	8	55	14	0	77	0	5	40	6	0	51	0	7	57	7	0	71	0	14	33	18	0	65	0	14	33	18	0	65	264
4:00 PM	0	10	62	11	0	83	0	9	35	8	0	52	0	17	39	11	0	67	0	11	38	13	1	62	0	11	38	13	1	62	264
4:15 PM	0	10	56	15	1	81	0	5	38	10	0	53	0	17	45	13	0	75	0	10	28	12	1	50	0	10	28	12	1	50	259
4:30 PM	0	12	63	18	0	93	0	5	45	6	4	56	0	11	31	9	0	51	0	11	33	13	0	57	0	11	33	13	0	57	257
Peak Hour Total	0	40	236	58	1	334	0	24	158	30	4	212	0	52	172	40	0	264	0	46	132	56	2	234	0	46	132	56	2	234	1044
PHF	0.000	0.833	0.937	0.806	0.250	0.898	0.000	0.667	0.878	0.750	0.250	0.946	0.000	0.765	0.754	0.769	0.000	0.880	0.000	0.821	0.868	0.778	0.500	0.900	0.000	0.821	0.868	0.778	0.500	0.900	0.989

Total Vehicles On Leg				6259			
Vehicles Entering Intersection		3279		Vehicles Exiting Intersection		2980	
Southbound							
Cars	566	2265	322	0	37		
Heavy	24	95	7	0	6		
Total	590	2360	329	0	43		



Total Vehicles on Leg 4917	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	Vehicles Exiting Intersection 2586		47	7	54
			1	0	1
			507	16	523
			1240	23	1263
536	8	544			



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg 3962
326	4	330		2019	
1347	28	1375			
311	3	314		Vehicles Exiting Intersection	
0	0	0		1943	
27	2	29			



Cars	12	0	610	2024	348
Heavy	2	0	10	103	3
Total	14	0	620	2127	351
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
3098			3218		
Total Vehicles On Leg			6316		



ANOKA COUNTY HIGHWAY

PC - WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2366

Study Date : 06/26/2023

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 35 (Central Ave)

Number of Lanes : 1

Total Approach Volume: 3,098

Southbound: CSAH 35 (Central Ave)

Number of Lanes : 1

Total Approach Volume: 3,279

Minor Street Approaches

Eastbound: CSAH 6 (Mississippi St)

Number of Lanes : 1

Total Approach Volume: 2,331

Westbound: CSAH 6 (Mississippi St)

Number of Lanes : 1

Total Approach Volume: 2,019

Warrant Summary (Urban Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....Not Satisfied

Warrant 1A - Minimum Vehicular Volume.....Not Satisfied

Required volumes reached for 3 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....Not Satisfied

Required volumes reached for 0 hours, 8 are needed

Warrant 1C - Combination of Warrants.....Not Satisfied

Required 1A volumes reached for 7 hours, 8 are needed

Required 1B volumes reached for 1 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....Not Satisfied

Number of hours (1) volumes exceed minimum < minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

Warrant 3A - Peak Hour Delay.....Satisfied

Number of one hour periods (13) volumes exceed minimum >= required (1). Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....Not Satisfied

Volumes do not exceed minimums for any one hour period.

Warrant 4 - Pedestrian Volumes.....Not Evaluated

Warrant 5 - School Crossing.....Not Evaluated

Warrant 6 - Coordinated Signal System.....Not Evaluated

Warrant 7 - Crash Experience.....Not Evaluated

Warrant 8 - Roadway Network.....Not Evaluated

Warrant 9 - Intersection Near a Grade Crossing.....Not Evaluated

ANOKA COUNTY HIGHWAY

PC - WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2366

Study Date : 06/26/2023

Warrant 1A - Minimum Volumes

Description

Intended for sites where the volume of intersecting traffic is the principal reason for consideration of a signal installation.

Summary

Only 3 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **False**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Volume Requirements

Veh/Hr Major = **500**

Veh/Hr Minor = **150**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
	CSAH 35 (Central Ave)					CSAH 6 (Mississippi St)		
16:15 - 17:15	255	+	362	=	617	200	205	Yes
15:15 - 16:15	248	+	299	=	547	222	180	Yes
14:15 - 15:15	256	+	290	=	546	181	118	Yes
14:00 - 15:00	228	+	257	=	485	184	119	No
17:15 - 18:15	234	+	248	=	482	193	201	No
13:45 - 14:45	233	+	242	=	475	172	112	No
07:45 - 08:45	275	+	193	=	468	151	171	No
07:30 - 08:30	270	+	198	=	468	147	177	No
08:00 - 09:00	269	+	193	=	462	144	156	No
13:30 - 14:30	231	+	226	=	457	150	122	No
17:30 - 18:30	220	+	217	=	437	162	190	No
07:15 - 08:15	254	+	182	=	436	136	169	No
13:15 - 14:15	225	+	211	=	436	148	123	No
13:00 - 14:00	229	+	188	=	417	142	116	No
08:15 - 09:15	220	+	194	=	414	145	142	No
12:45 - 13:45	211	+	187	=	398	137	121	No
11:45 - 12:45	186	+	205	=	391	117	105	No
12:30 - 13:30	199	+	190	=	389	137	112	No
17:45 - 18:45	192	+	196	=	388	146	153	No
12:15 - 13:15	181	+	198	=	379	128	98	No
12:00 - 13:00	172	+	205	=	377	123	97	No
07:00 - 08:00	193	+	179	=	372	127	145	No
08:30 - 09:30	191	+	176	=	367	129	120	No
11:30 - 12:30	178	+	187	=	365	116	109	No
11:00 - 12:00	181		183		364	117	114	No

ANOKA COUNTY HIGHWAY

PC - WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2366

Study Date : 06/26/2023

Warrant 1B - Interruption of Continuous Traffic

Description

Intended for sites where the volume of the major street is so heavy that traffic on the minor street suffers excessive delay or hazard.

Summary

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **False**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Volume Requirements

Veh/Hr Major = **750**

Veh/Hr Minor = **75**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
	CSAH 35 (Central Ave)					CSAH 6 (Mississippi St)		
16:00 - 17:00	265	+	356	=	621	208	215	No
16:15 - 17:15	255	+	362	=	617	200	205	No
16:30 - 17:30	246	+	363	=	609	211	195	No
15:45 - 16:45	264	+	334	=	598	234	212	No
15:30 - 16:30	284	+	308	=	592	225	200	No
16:45 - 17:45	258	+	327	=	585	196	205	No
15:00 - 16:00	254	+	318	=	572	200	158	No
15:15 - 16:15	248	+	299	=	547	222	180	No
14:15 - 15:15	256	+	290	=	546	181	118	No
14:45 - 15:45	243	+	303	=	546	185	138	No
17:00 - 18:00	242	+	291	=	533	206	201	No
14:30 - 15:30	230	+	300	=	530	189	121	No
14:00 - 15:00	228	+	257	=	485	184	119	No
17:15 - 18:15	234	+	248	=	482	193	201	No
13:45 - 14:45	233	+	242	=	475	172	112	No
07:45 - 08:45	275	+	193	=	468	151	171	No
07:30 - 08:30	270	+	198	=	468	147	177	No
08:00 - 09:00	269	+	193	=	462	144	156	No
13:30 - 14:30	231	+	226	=	457	150	122	No
17:30 - 18:30	220	+	217	=	437	162	190	No
07:15 - 08:15	254	+	182	=	436	136	169	No
13:15 - 14:15	225	+	211	=	436	148	123	No
13:00 - 14:00	229	+	188	=	417	142	116	No
08:15 - 09:15	220	+	194	=	414	145	142	No
12:45 - 13:45	211		187		398	137	121	No

ANOKA COUNTY HIGHWAY

PC - WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2366

Study Date : 06/26/2023

Warrant 1C Combination of Warrants

Description

Intended for sites where the traffic volumes don't meet individual warrants but where Warrants 1A and 1B are both met to 80% of their stated values.

Summary

Only 7 hours meet 1A minimums.
Only 1 hours meet 1B minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **False**
Number of Major Lanes = **1**
Number of Minor Lanes = **1**

Volume Requirements

Warrant 1A 1B
Veh/Hr Major = **400 600**

Veh/Hr Minor = **120 60**

Major Road CSAH 35 (Central Ave)

Minor Road CSAH 6 (Mississippi St)

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?
16:00 - 17:00	265	+	356	=	621	208	215	Yes
15:00 - 16:00	254	+	318	=	572	200	158	Yes
17:00 - 18:00	242	+	291	=	533	206	201	Yes
14:00 - 15:00	228	+	257	=	485	184	119	Yes
07:15 - 08:15	254	+	182	=	436	136	169	Yes
13:00 - 14:00	229	+	188	=	417	142	116	Yes
08:15 - 09:15	220	+	194	=	414	145	142	Yes
12:45 - 13:45	211	+	187	=	398	137	121	No
11:45 - 12:45	186	+	205	=	391	117	105	No
12:30 - 13:30	199	+	190	=	389	137	112	No
12:15 - 13:15	181	+	198	=	379	128	98	No
12:00 - 13:00	172	+	205	=	377	123	97	No

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
16:00 - 17:00	265	+	356	=	621	208	215	Yes
15:45 - 16:45	264	+	334	=	598	234	212	No
15:30 - 16:30	284	+	308	=	592	225	200	No
15:00 - 16:00	254	+	318	=	572	200	158	No
15:15 - 16:15	248	+	299	=	547	222	180	No
14:45 - 15:45	243	+	303	=	546	185	138	No
14:15 - 15:15	256	+	290	=	546	181	118	No
17:00 - 18:00	242	+	291	=	533	206	201	No
14:30 - 15:30	230	+	300	=	530	189	121	No
14:00 - 15:00	228	+	257	=	485	184	119	No
17:15 - 18:15	234	+	248	=	482	193	201	No
13:45 - 14:45	233	+	242	=	475	172	112	No

ANOKA COUNTY HIGHWAY

PC - WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2366

Study Date : 06/26/2023

Warrant 2 - Four Hour Volumes

Description

Intended for sites where the volume of intersecting traffic during any four hours of the day is the principal reason for consideration of a signal installation.

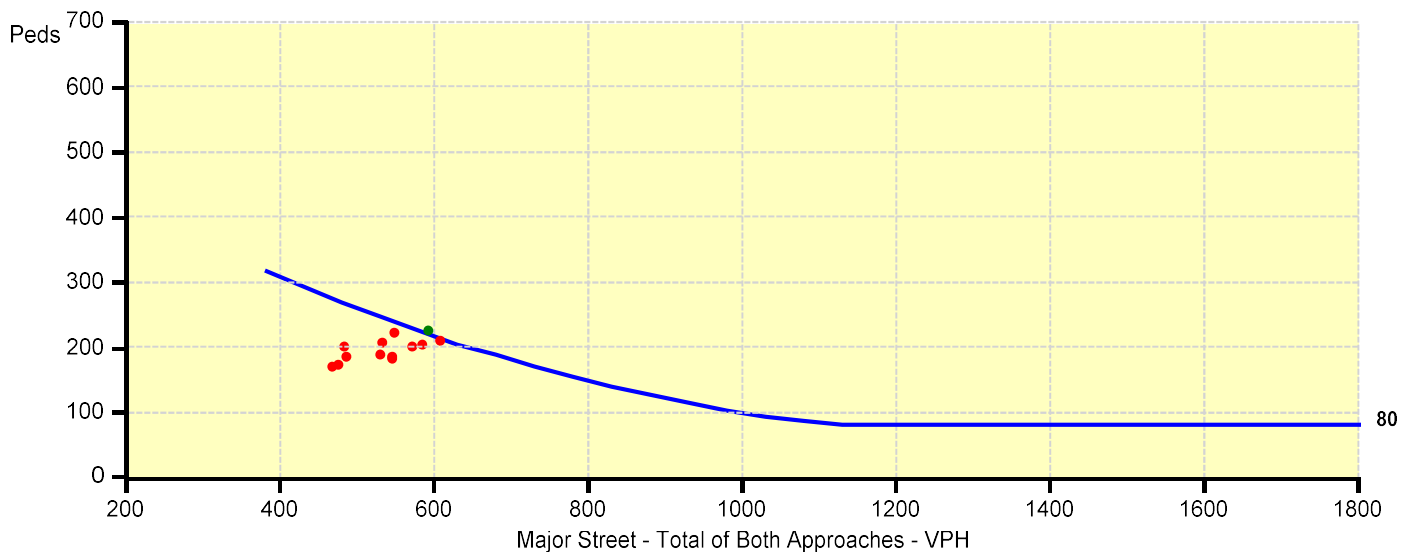
Summary

Only 1 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **False**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 35 (Central Ave)				Total	Minor Road CSAH 6 (Mississippi St)		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
15:30 - 16:30	284	+	308	=	592	225	200	Yes
16:30 - 17:30	246	+	363	=	609	211	195	No
16:45 - 17:45	258	+	327	=	585	196	205	No
15:00 - 16:00	254	+	318	=	572	200	158	No
15:15 - 16:15	248	+	299	=	547	222	180	No
14:15 - 15:15	256	+	290	=	546	181	118	No
14:45 - 15:45	243	+	303	=	546	185	138	No
17:00 - 18:00	242	+	291	=	533	206	201	No
14:30 - 15:30	230	+	300	=	530	189	121	No
14:00 - 15:00	228	+	257	=	485	184	119	No
17:15 - 18:15	234	+	248	=	482	193	201	No
13:45 - 14:45	233		242		475	172	112	No



ANOKA COUNTY HIGHWAY

PC - WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2366

Study Date : 06/26/2023

Warrant 3B - Peak Hour Volumes

Description

Intended for sites where the volume of intersecting traffic during one hour of the day is the principal reason for consideration of a signal installation.

Summary

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **False**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 35 (Central Ave)				Total	Minor Road CSAH 6 (Mississippi St)		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
16:00 - 17:00	265	+	356	=	621	208	215	No
16:15 - 17:15	255	+	362	=	617	200	205	No
16:30 - 17:30	246	+	363	=	609	211	195	No
15:45 - 16:45	264	+	334	=	598	234	212	No
15:30 - 16:30	284	+	308	=	592	225	200	No
16:45 - 17:45	258	+	327	=	585	196	205	No
15:00 - 16:00	254	+	318	=	572	200	158	No
15:15 - 16:15	248	+	299	=	547	222	180	No
14:15 - 15:15	256	+	290	=	546	181	118	No
14:45 - 15:45	243	+	303	=	546	185	138	No
17:00 - 18:00	242	+	291	=	533	206	201	No
14:30 - 15:30	230		300		530	189	121	No

